

Converting Colors

RGB(220, 234, 191)

Have a look what the booklet for
RGB(220, 234, 191) contains.

RGB(220, 234, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(220, 234, 191)

Conversions

Conversions Part 1

Format	Color
Hex	DCEABF
RGB	220, 234, 191
RGB Percent	86%, 92%, 75%
CMY	0.1373, 0.0824, 0.2510
CMYK	0.06, 0.00, 0.18, 0.08
HSL	80°, 51%, 83%
HSV	80°, 18%, 92%
XYZ	68.3420, 77.8229, 60.7095
YIQ	224.9120, 5.4590, -16.3410

Conversions

Conversions Part 2

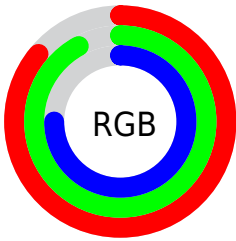
Format	Color
RYB	191, 234, 205
Decimal	14478015
CIELab	90.70, -11.97, 19.35
CIELCh	91, 22.754, 121.738
Yxy	77.8229, 0.3304, 0.3762
Android (android.graphics.Color)	4292668095 (0xFFDCEABF)
YUV	224.9120, -16.7186, -4.3078
Hunter-Lab	88.2173, -16.0961, 20.9498

Details

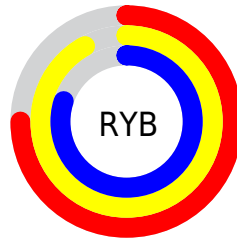
The RGB color **220, 234, 191** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **205, 191, 234**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 247**, and **165, 178, 137** is the 20% darker color. If you saturate the color by 10%, you get **212, 234, 168**, and if you desaturate by 10%, it is **228, 234, 214**.

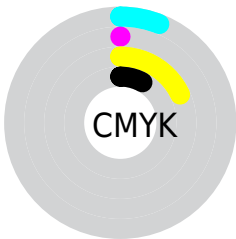
Distribution



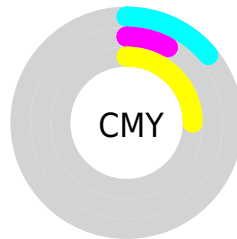
- Red (86%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 234, 191 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 220, 234, 191 by changing the saturation by 10% instead.

■ 220, 234, 191

255, 255, 255

■ 255, 255, 247

■ 220, 234, 191

■ 192, 206, 164

■ 165, 178, 137

■ 138, 152, 112

■ 113, 126, 87

■ 88, 101, 64

■ 64, 77, 41

■ 41, 54, 20

■ 22, 32, 0

■ 0, 5, 0

 220, 234, 191

 220, 234, 191

 212, 234, 168


 228, 234, 214

 205, 234, 144

 235, 234, 238

 197, 234, 121


 243, 234, 255

 190, 234, 97

 250, 234, 255

 182, 234, 74

 255, 234, 255

 174, 234, 51

 167, 234, 27

 159, 234, 4

 158, 234, 0

Harmonies

Analogous

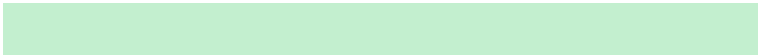
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 227, 185



220, 234, 191



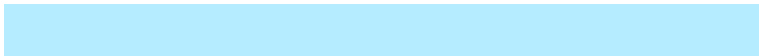
195, 239, 207

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 234, 191



181, 236, 255



255, 213, 228

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



220, 234, 191



205, 191, 234

Split Complementary

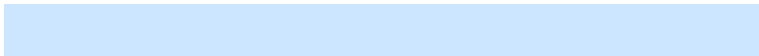
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 249



220, 234, 191



205, 230, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



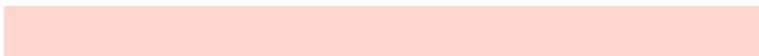
220, 234, 191



170, 240, 250



234, 222, 255



255, 215, 206

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220, 234, 191



182, 241, 221



234, 222, 255



255, 214, 235

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



220, 234, 191



250, 255, 240



234, 205, 191



125, 128, 119



0, 0, 0



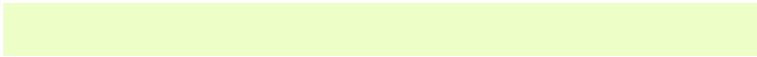
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 234, 191



237, 255, 199



199, 234, 191



113, 117, 106



122, 181, 0



36, 54, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



205, 191, 234



217, 199, 255



226, 191, 234



109, 106, 117



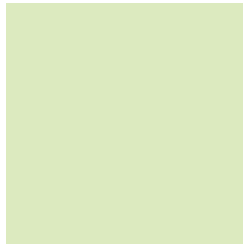
59, 0, 181



17, 0, 54

Previews

White Background



This preview shows how the RGB color 220, 234, 191 looks on a white background.

Color Contrast Check

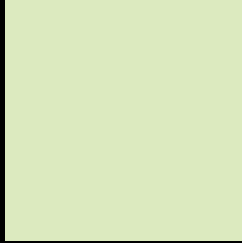
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 220, 234, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

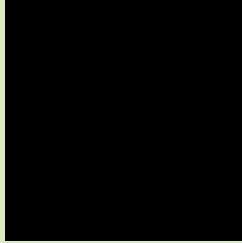
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

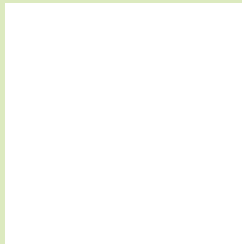
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 220, 234, 191 Background



This preview shows how black text looks on a background with the RGB color 220, 234, 191.



This preview shows how white text looks on a background with the RGB color 220, 234, 191.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

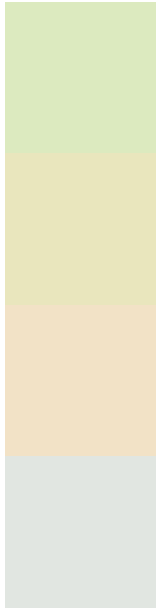




Tritanopia

228, 227, 245

Trichromacy



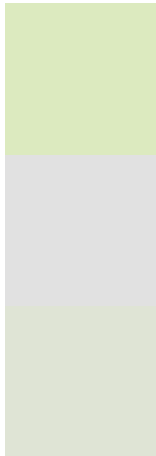
Original Color
220, 234, 191

Protanomaly
233, 230, 189

Deuteranomaly
242, 226, 198

Tritanomaly
225, 230, 225

Monochromacy



Original Color
220, 234, 191

Achromatopsia
225, 225, 225

Achromatomaly
223, 228, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 234, 191 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 234, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 234, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 234, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 234, 191) }
```

Border

The CSS property to change the border of an element to RGB 220, 234, 191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 234, 191) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(220, 234, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(220, 234, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 234, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 234, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 234,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 220, 234, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 234, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
234, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor